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TITLE: DEVELOPING METHOD AND DEVELOPING DEVICE

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ABSTRACT:

PURPOSE: To improve the reproducibility of fine line images and the reproducibility of the low potential part of latent images by specifying the oscillation bias voltage to be impressed to a developer carrying member.

CONSTITUTION: The max. value of the potential difference between an image part and the developer carrying member is set larger than the max. value of the potential difference between both in a reverse energization phase and the time integrated value of the potential difference in the energization phase in one period of an oscillation bias voltage is set larger than the time integrated value of the potential difference in the reverse energization phase. On the other hand, the max. value of the potential difference between the non-image part and the developer carrying member is set larger than the max. value of the potential difference between both in the reverse energization phase. In addition, the time integrated value of the potential difference in the energization phase in one period of the oscillation bias voltage is set below the time integrated value of the potential difference in the reverse energization phase. The developer of a sufficient quantity is supplied even to the fine line part and the low potential part of the latent images. The developed images sufficiently suppressed in fogging are obtd. in this way.

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